ABSTRACT OF THE DISCLOSURE

A weighing scale having a display and processor for determining and identifying the optimal position coordinates for a load placed on the weighing scale includes a platform and a plurality of support assemblies, each containing a load cell for receiving the weight of the load. The display includes a meter or other graphical display that identifies position coordinates along with the determined numerical weight. Individual outputs from each of the plurality (e.g. 4) of load cells are received by a processor configured to compute x,y vector coordinates associated with the weight parameters for each load cell. The determined current or actual load position relative to an optimal position is calculated and displayed along with the weight.

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